

NEW STAGE **OFFERS** NEW PROBLEMS

dicted that ten European and two Latin American leams would advance to the next round of the world lootball champtonship -and our guess was correct.
Still, some of the aces had to struggle to quality—even Brezil had quite a job cut out for them le their opening gama versus the USSR. Ales, no sensetions occurred, as Algoria, Cameroon and Kuweit dropped out.

Second group cuntenders West Germany, Austria, and Algoria totalisat four points each, and West Germany and Austria moved up only through their total number of goals.

In Group Fivo North Ireland surprisingly came out at the top of the standing with tour points, while strong levourito Spain placed second. The biggest prob-lem with the team is their unterized by a nervous agitated atylo of play. They will oaed to have something hotter up thair sleeve to hold up against their group B rivals Britain and West

Brazil and Sritain are the outy two teams to fintsh the first stage with clean slates, while Chile, El Salvador and Now Zesland dropped out; Italy and Cameroon tied all their games, while liungary scorcless produced a top-scoring record, licking El Salva-dor 10-1 and flotshing et the top for the scoring list overell

CORRESPONDENTS NAME

The West German DPA news agency has come up with his version of a symbolic world line-up, in the weke of the first etage of the world football champlonahlps: goal-keeper Dasayev [USSR]; defonders Gerats (Bel-

the size of the following the action of

with 12 goals, Poland, Cameroon Austria, Belgium, Britain and Northorn treland conceded just one goal each. Karl-Heinz Rummenigge, of West Germany, is the top scorer to date with four goels. Sorgal Baltacha was re-aponsible for the 1,100th goel is world champtonship history. None of the players of Brazil, tha USSR and Naw Zealand were werned or east off, while El Salvedor, Italy and Chile were warned five, four and four times respectively, end Vizek, of Czechoslovakia, Yerwood, of Honduras, and Donaghy, of Northern Ireland, were sent off.

As second round games begin on June 28, the most interest conires on the Argantina-Brazil and Britain-Wast Germany bouts. On July I the IJSSR takes on the looser in the Poland-Belgium game, which, il drawe, would pit it egeinst Poland.

Soviet lens ore hopeful of

their team's success. To be enre the compelition is very tough, but the rivals have hardly any secrets to hold us off, for we are quito femiliar with thoir clubs' style and have learned somothing from their current perlormanco in Spain. Anyway, things will clear up a hit on July 4 when the USSR plays its sec-ond group A game, with all semifinalista to be determined the following day. A word of reminders in the 1966 championship the USSR did manago to make it into

WORLD TEAM A

(USSR), Juolor [6raz!]; midfieldere Socratos and Ziko [Brazil), Ardilee (Arguntina); forwards Britaini, Blokhin Mariner (USSR), and Eder [Brazil]. The celebrated Maradona and Rummenigge, elong with goalla Nkono, ni Cameroon, were Karl-Heine Poerster Germanyl, Chivadze Cormany), named only as substitutes.

NATIONAL RUGBY CHAMPIONSHIP

Hol lavooritae VVA. from Moscow region, downed the Lenlagred Primorets 47—7 in so opening gema of an eight-clob unitoosi mattooal championship which with cendtdotes national feam. due to play to the 19th European chom-ploushly metch thu

ATTENTION,

ABROAD

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offers in brial the latest infor-

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carried in the aditions of both
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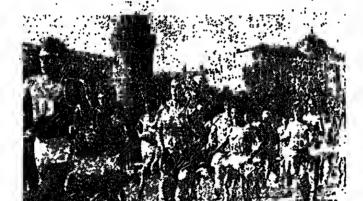
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YACHTING

The USSR did well in the an. The USSR did well in the annual Kiel regatte, winning three of the seven Olympic classes. The wineers wore twice world champion Viktor Polapov and Sergel Kuzovov (Tornado), Sergel Borodin and Vladislav Akimenko in the Flying Dutchman, and 1980 Olympics silver medu. and 1980 Olyopics silver medal-list Boris Budnikov to Soling.

SPORTS NEWS

Like e year ogo, the USSR's men'e track ead field ten downed their GDR counterpart, 113-99, while the GDR women won; 91-65 in a bileteral meet The match produced quite few fine performances. In the 1,500 m Olgs Dvirns Irom Laningrad and Zamira Zaitseva from Audizhan broks the leur minute harrier, clocking 3 min 59.31 and 3.59.95 respectively. World-record holder Udo Bayes of the CDR reached 21 m 73 cm in the shot-put. Svetlans Ulmsova from Andizhan dashed 4,000 to in 8 mio 35.46 sec and GDR contenders Barbel Vokkel and Marith Koch clacked 22.25 sec and 49.49, respectively, to win the 200 m and 400 m events. Helno Putite from Harnin won the jevelia with a 90 m 72 cm throw, ahead of strong Detlet Michel of the GDR and Olympic winner Dainis Kula:



racent race, ratracing the marathon route of the Mescow Olym-

Success for first-timer in Hessen Rally

recent internetional lournement game to Moscow. The ytellors with

also play a lew trieodly games hero, just for tun.

CYCLING TRACK

FOR ASIAN GAMES

track in Onthi, one of the oew sports facilities specifically built for the 9th Asian Gemes opening

bero on November 19. The concrete course is up to high thiernational standards. It is 333.33 moires long, has a minimal inclination of seven degrees and a maximal one of 38 degrees, and hote 2,250 specialors. It also

factures recreallog rooms for

cyclisis, drasing rooms, a con-

lerence hall, a press hall, a cycle

rapair workshops, cafe and a

reslaurant.

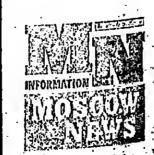
For the third year running the USSR took part recently in the 31. ADAC-Ratiye Heasen in the FRG, one of the stages of the Buropean championship. The USSR fielded threa crews: Staye Brundza-Anatoly Brum, Vello Ounpuu-Anrae Timusk and Eedo Raide-Georg Valdek, ali driving Lada-1600s.

The Hessen Rally route is pa-culler in that though it is only 880 kilometres long, nearly 400 km of this distance lies over

epeady etraiches. Out of a field of 139 our crews received starting numbers 7, 16 and 21 due to their past credits. Rain on the first day of the mily created additional difficulties for the different contracts. the drivers.

All our three crews kept at the head of the race; true at the start of the eccond into the West Germen driver of a Volkswegen Golf, following on Vello Ous-puu's tall, made a football "alding tackle" on a sharp bend and simmed into Ounput left front door. The "culprit" dropped out minus a wheel, while Vello had to drive the rest of the mit with rain and cold hlasing into his broken windaw. This however, in no way deterred him ever, in no way deterred him to the first time is this relly, he placed first in the 2,000 cu cm class and 13th overall. Reida and Veldek caus third and the USSR leasn as a third and the USSR leasn as a shadown as a second is thir aswhole came second to the mi-tional standings. A total of 93

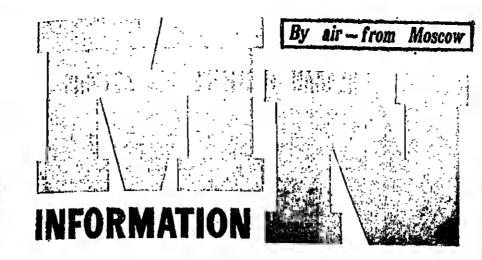
care finished. Vladimin DANILCHEY Master of Sport



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Address: 16/2 Darky St. Mascon Printed of the "lavestis" Print Moscon, USSE, Published Tuesday, Md. Salutal Index 50078

MN NIFORMATION No. SI. (1)



No. 52 (366), JULY 3-5, 1982

New York. As acute struggle has developed in the committee and the working group of the UN Ceneral Assembly's Second

Special Session on Disprma-ment, where the delegates are

discussing concrete proposels for cyrhing the arms race and preventing a nuclear diseaser.

The Soviet Union and other

roctelist countries are empha-nizing the need to adopt a practical approach which would

allow for a slowdown in the

arms race, than to move on lo

substantiva measurae in the

in the area of nuclear weapons.

The Soviel representative V. V. Shusiov Iold the Session's full committee that the USSR is

terdy to agree to the limita-

any type of arms on a latr reciprocal basis. He urged a more active use of all the ex-

Initiators of the

DEBATE AT THE SPECIAL

SESSION OF UN

GENERAL ASSEMBLY

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French cosmonaut and Soviet colleagues back on earth

The seven-day joint Soviel-French space mission aboard the Soviet orbital complex Salyut-7-Soyuz T-5-Soyuz T-6 is over, as the crew of French spaceman Jean-Loup Chrétien and Soviet cosmonauts Vladimir Dzhanibekov, Alexander Ivanchenkov returned to earth while their hospitable hosts, Anatoly Berezovol and Valentin Lebedev on the orbital complex Salyut-7. -Soyuz T-5, remained in orbit.

The descent module of the Soyuz T-6 spaceship has brought back data on oxionsive research jaintly conducted in space, which undoubtedly bencht both Soviet and French science, and increeso the general fund of human knowledge,

The mission was a frash important step in the development of cooperation between the two countries for the peacsful explo-ration of space. Soviet space-ehips carried Freech laser deflectors; Franch rockets were twice launched from the Kergne-len Island in the south of Indian Ocean with a vest array of Sa-viet and French equipment, and Soviet hooster rockers have car-riad French satellins aloft.

. (Por comment on medical research turn to pogs 4)

'TOPICAL PROBLEMS OF MODERN ASIA

Such is the subject of the in ternational conference which look place in Moscow with the participation of more than 50 scholars and public figures from over 20 countries, including Afghanistan, India, Mongolia, Syria and Turkey, as well as represedetives of the Palestine Liberation Organization and the Afro-Asian Peoples Solidarity Organization.

The speeches made during tha plenery meetings and in the three working sections of ibs conference, said Acedemicism Yevgony Primakov, director of the institute of Orientel Studies of the USSR Academy of Sciences, show that the scholars' eva-luation of modern Asia's mais problems are identical or close. it was noted unanimously that since World Wer II the role of Asian sintes in the world arena has grown considerably. The Soviet Union's rolatione with in-dian and other Asian couolrics has had a positive effect on the

is unitelaral rejection of the

5

in the pholo: signatures are collected under a politico for disarmament in trent of the UN Headquarters building in New York during the Second Special Session of the UN Geoers! Assembly on Disarmaregional situation, TURKMEN MIRACLE Peace and security is the main prerequicits for successfully tackling the task of develop-Turkmenin's scientisis, agri-cultural specialism and lolk groups recently came to Mosmont, now facing Asian states, stressed K. P. Mishra, dean of the school for international studies at the J. Nahra University if pidal. This is why the coefarance participants upheld the peaceful policy of the USSR, and its uniteral relaction of the Only hall a contury ago they prodicted the complete dissp-parance of the comedic tri-bes of Turkmenia living in the Kara Kum desert—the "Black the Turkmon Soviet Sociellet Sands". Today this people has advanced from leudalism to co-clellsm and assisted by other Soviet republics, has irrigated Rapublic, part of the "Ona Family" exposition, at the Nathe illeless desert to grow colion, and how produces oil and . 250 Soviet cities . eod jawas aupplied the southermost rapublic with equipment for the construction of the Kara Kum Canal. Now Turkmente, with 80 per cent of its tetritory covered, with desert, provides one-seventh of the country's gas, 12.6 per cent of its cotion and 20 per cent of its person and 20 per cent of its Porsian tamb skins. tamb skins. The USSR's only Desert in stituto was set up in Turking nis. It has received general raccognition as an authority to the field "According to a UN edgination, since 1977 it has conducted an international course on desert studies for the countries of Asia, Africa and Lailly Americs.

Al the concert of the Turkmenlan emajour susemble Sumbar, Aral-place winner in the 13th international competition of folklore sec-sembles in Zakopase.



a nuclear disastar, and for curbing the arms race has reached an

onprincedented scale. The majo expressions of this movement ere project marches, demonstrations, ratiles and the collection of

signatures tor petitioos.

mines eulphur.

Lebanese tragedy 120,000 residents of Balrul Red the city in fear of the Israeli shells and bombs.

both multilsteral and bileteral.

socialist community also laun-chad a range of specific fellia-

lives. Their appeal to concentrate on the sisboration of con-

the overwhelming majority ni non-sligned slates. Today, in-dian dalegate A. Vonkatesvaren

said, millions of people on the planet demand an immediate

elimination of the threat posed

At the same time, the Amer-

ican position at the Session has

created new double among

meny delegatione in respect to the sincerity of . Weshington's

stalements regarding lin readi-

nesa lo achieva real results at

the current Ceneva lelks on the limitation and reduction of strategic armaments.

by nuclear weepdns.

structive measures is shared i

The other countries of the

Belrut. The US aided the Israell aggression against Lebanon in all areas, PLO leader Y. Aralai told the ADN news agency. lis pointed out that the Isracit was of aggression against the Palestinian and the Lebanese Peoples is aimed at destroying the PLO and that this is not an Israell but ao American decision. Stressing that no one will succeed in destroying the Pelestine Liberation Organization, Y. Arefat noted that the defence alruggle of the Palertine Patriota is noted the most proposed conis now the most prolonged con-fact in the Arah-Israell war, despits the presence in Lebanon of eight isreell divisions, supported by all-israell air and navet forces.

Meanwhile Labanese Prime

Minister C. sl-Wazzan specified the number of victime of the traell aggression: over 15,000 peopls were killed and over 50,000 wounded. More than

FACTS

and EVENTS

O Pope fohn Paul II has orgad an and to the suffering of the Pelertinien panple and the recognition of their legitimete rights; The lagitimals demands of the Arab people of Palastine, lini of all, their demand to have s homeland, must be mai, he isid in Veilcen.

O The NATO Als Force best in the West Garmeny city of Gallenkirchen in North Rhina-Werlphalie has been officially, designated as NATO's main operation of 1E.

O Over the past decade, there has been a liveloid in-crease in crime commissed with

Ican economic policies has come from the former Conservative British Prime Minister Edward Heath who accused the Resgan administration of "com-pleta irresponsibility". He pointed out, spenking in Lon-don illet its palicies have con-

threat of a trude and currency war can only be averted it the EEC countries take resolute measures to protect their occurrency and financial policies from the influence of the United States.

sion, Photo UPI-TASS Heath raps Reagan

citizens who ramsia

Loudon, Criticism of Amer-

don that its palicies have converted the thoughter system of the West late a glant casho, where only professional crooks can make profits.

We are dealing with as administration which constantly ignores the jundamental principles of alliance, stressed Heath Therefore, the constant threat of a trade and currency war can only be averted if the

GUATEMALA: TOUGHER REPRESSION

New Yark. UPI-TASS. A state of slege has been procloimed in Guntemale, Geaerel Rios Moeti, head of the military ragims, announced over the netional TV nelwork that all persons caught bearieg arms

The very first months at the rule by the Weshlogion-imposed regime have revealed it as a reign of bloody repression and genocido. According to the armed people's organization, 6,000 hove been kitled since the end of last March elone. The army command said that a new offensive against the guerillas is in preparation. The Army plant to destroy completely acres of settlemonts, which the pro-American dicistorship considers to be strongholds of the patriotic forces. Thousands of Indian peasants will be killed. The Gustemalan petriots report that the planned punitive operations will assume an un-

PENTAGON, SHUTTLE, SPACE

New York. With the fourth launch of the militpie-use spaceship Columbia, highly-placed Pentagna officials do not concent that jubilation over the growing possibilities of proparing cosmic property of the pr and terrostrial ware which can be controlled and directed from outer space, "Ho who controls the cormos cao control the oettro plenel. We should never forget that",—said Stievers, side to the Doputy Sacretary of Defance on political matters.

Changes in the Argentine leadership

Reyualdo Bigoooe hes essumed the prosidency of Argontino and ennouaced a cabiest comprised d military as welf as civilians. The Ministry for Foreign Affairs was given to Juan Aguirre Lanari, former Ambassador to

Soon after assuming office, the precident held a meeting with the loaders of Argentina's polit-Icel parties.

Ho said that his government's chief aim is to normalize the return to constitutional rulo. He office to the wiener of the general elections, to be held not later than March, 1984.

Analyzing the present eltuotion in Argentina, observera are una olmous in the opinion that Bignooe's assumption of the presideocy does not occessarily mean the ead of the country's political crisis. The press, radio and TV polat to the ject thol the Argentine naval and air force commanders did not agrea to an army candidate for the

 Amarican rarvicemaa in Okinawa enhually control over a thousend crimiaol offences, Kyodo Taushin reports.

and EVENTS

@ The Latin American Con-

tinantal Students Organization has denounced the crimes baing parpetrated by the Uruguayan regime, with the support of American imparialism.

O According to the VIA press

According to the VIA press agancy, a number of the SRY's border areas have been shelled and mortared from the Chinasa side hetween time \$\circ\$ and \$1. Groups of Chiaesa sebateurs crossed over to the Vialinameto side saveral films in the provinces of Hoang Lian Son, Ha Tuyen, Lang Son, Queng Hinh and Lai Chau.



press conterence, l'resident Reagae spoke about some probloms hie edministration's domestic and foreign policies. Most of the questions seked by the journeliets telerred to the situaisrael, with the support of the United States, has cerried out on ect of aggression against Lebence, in which tens of thou-

The President tried to mislead the American public and the Areh states when he seld he had given no green light. We were taken by surprise tike overybody else. he edded. He medo significant state-meels shout Americon olum in Labacce creating the impres-

sice that he was apeaking about

en American state, rether than

sovereign Arah country.

primerily Syriae, which are part of the inter-Arab letce, as well as all PLO forces, il is herdly surprising, therefore that one of the correspondents commonted that the United States and Israel seem to bave completely identicat aims and policies in the Middle East. The president made clear that the administration intends to

from Lebanon of loreign troops

continue to ignore the protesta from West Enropean comiries and Joon over Werhington's deciation to forbid West Earopean tirms to use equipment produceil under American IIcences for their deliveries for the ges pipeline between Siberta and Western Europe. He said it was a malter of pile

Spain becomes closer to the U.S.

Medrid, Spanish and American representatives have completed their work on the text of the Bilaterol Agreement on Priendship, Defauce and Cooperetion which basically provides for the development of military cooperation between the two countries and cells tor Spain's entry Into NATO.

During the talks, the Americans did all they could to essure the deployment of their nuclear missiles in Spain, and to attala tall freedom of action for the Pentegon's bases there.

Judging by nil appearances, Washington has succeeded in

imposing its will. According t the newspaper "Diario-16", the possibility of the deployment of American missites in Spain not excluded, provided that the necessary to profect its nations intercals. The newspapers and that Washington Intends to use other opportunitier to get the tis missiles stationed in Spain.

Observers point out that apart tront applying greater pressure on Spain, Washington has also made some promises. American 2.5 finies over the amount previded under the previous egice

plans to deploy there sereial

Ninrod reconnaissance plenes carrying equipment rannar to the American AWACS system

The planes are to patrol the area "in cooperation" with Bil-

FUTURE FOR THE FALKLANDS

London. The Bultish Consorvalive government wapts to Malvinos) into a major bose for the Royal Novy in the South Atlantic. Official London

currences, and curtelled in-

Very lypical in this respect

lish anhmarince, also to be besti on the Islands. Claiming the need to preven possible milliary ection by Argentina, the Theichet Cabinet loss decided to send a number of Districts. of Phantom lighter bombers to the Falklands and to leave there of least one squedron of Harrier jump lets. Mercover, British military gerrison et up to five thousand men will be stationed on the islands. It is to be supported by an RN firel which is expected to consist of

frigates and destroyers. FRG: compromise budget

an eliciali carrier, and several

Bonn. After losg sharp debates the government of the FRG and latar the parliamentary factions and porties forming the ruling coelliton (SDPG and FOP) approved the drelt of the state budget for 1983. The state budget for 1983, the state budget of the main provielaboration of its main

state budget for the main provisions fook place in such as embitted commosphere that for several days observers in some did not rule out the possibility of the ruling coalition's collars.

Only with great difficulty did the representatives of these per promise, based on the same old promise, based on the same old policy of further reduction. In spending on sociol needs, and stack on gales of working people and an ottempt to harden them with the main brund of the stance, the draft daysages contained in penalons and to the dadline in penalons and the significant in the content of the dadline in penalons and to the tier health care, and a lot he dacline in pensions and lot he elready meagra berefits sipporting fundreds of thousands of the unemployed. Concurrently here are plans for expanding the privileges of the mosopoles.

GROWING Among these aims, be men-tioned the creation of a contral government and withdrawal

ANTI-AMERICANISM IN LATIN AMERICA

THE WORLD

Salvadoran regime end the "death aquada" are carrying out horberian reprisals against civilians. Perticoterly cruet are the soldiers of the Atlacett brigede, frained by Americae military edvisors, and the cutthroats from the Ramde Belles bottalles, who receasity completed "an accelerated course" of treining for pusitive froops at Port Bragg

in the photo: punitive troops which have been through course of training in the United States,

programme to creata a nucleon

bomb. A magazine published to London, writes flut Protorio has recently ourchased 50 toenes of enriched manium from a con-

West Gernien firma. Close con-

lacts with the racist republic are also meintained by the

Freach arm Frametome which

acts or an intermediary for Chi-

neso suppliors ni rirategic raw

majerials to racist South Africa.

originates oil the American

coast. It is reckoned, that sev-

cral hundreds of such turbines would be sufficient to supply power to lie whole of Plotida

In 1981, a 600-metre-long Iwo

carriage magnetic suspension

Ine will connect Broningham Airport to the nearest railwoy station to: passongors inteoding to visit the National Exhibition Centre A third and fourth carriage can be aided if necessary. The trip on the two-way line will take 90 seconds with 20 pages 1 take 100 pages 1 take 1 take 100 pages 1 t

seconds intervals between trains

190 passengers cao be carried in either direction to 15 minutes.

THE DEAF AND DUMB

A group of Prench scientists has compiled a detailed dic-tionary of signs used by fee deaf and dumh when talktog to

each other. The 300-page dic-tionary contates 1,200 photos tilustrating how each gasture should be made. This is the

first publication of this sort.

DICTIONARY FOR

Science and technology

and to part of Louisiana.

MAGNETIC CARRIAGE

OF SOUTH AFRICA AND THE WEST

in North Caroline.

THE NUCLEAR AMBITIONS

Lusaka. Trying to obtain nuclear weapoos at any price, the South African ractus are set-

ling their hones on coonsistion

with the West With the know-ledge of the British govern-ment, the South African Com-

naission for Electrical Supplies has placed want add in British

newspapers for specialists in

nuclear energy, promising them hings salaries. The country of apariheid wants to use such

specialists in give a hoost to il-

WITH A DIFFERENCE

The Japanese company of Selko has invented a ministructive display which ron be incorporated into a wristwetch.

thus making il poseible to look at TV in a train, bus or even

Salko's TV walch, which is the

Real of the kind in the world eccording in the designers. Is equipped with special aer-

FISH POISON TO KILL PAIN

Chinese deciors have tound

out how to isolete poison from the ball-fish which has highly

loxic estrails. The new sub-stance is more dangerous than

cyanide, but it also makes a

good analgesic, writes "The Guordioa",

According to the "Scionce Digost" magazine, Amoricae ongineers are working on a genarater designed to produce power from strong underwater sea currents and to particular from the Gull Stream, which

UNDERWATER

POWER STATION

PORTABLE TV

while out wolking.

New York. Only two countiles — one of them Chile — have agreed to send their warships to take pert in the novat exercises which have begun under the code-name "Unidas". Thir year, the other Letin American countries have rejected the invitation from the US Navy Command to toke part in the exercises, held for several months every year in off-shore stear oo the Atlantic and Paci-

fir Oceans. The boycoit of this year's managerras, which are to last ter five mentils has been declared by Latin American states in protest ogainst Washington's aid to Britain to the Apple-Argentinian conflict ever the Pelkiand Islands Italas Malvinas). Amorican newspapara admit that practically the antire continent is belog ewept by a ways of anti-American centimeni which, controry to the Reageo admitoisirollon's expectallegs, did not diminish affer

and EVENTS

Atlantic ceased,

the hestilities in the South

O A cell to normalize diplo-metic relations with Cuba has been made by Siman Alberto Centalvi, the former Vanasualan Minister of Porelan Affairs

O John US-Japanere steff aswires, cods-named Yamasaku-15-2 ara in progress la Hawali.

WHITE HOUSE RESPONSIBLE FOR DISCRIMINATION

AGAINST WOMEN

Washington. The expiration of the ferm permitted for the passega of a constitutional amendment banning sex discrimination was morked by Americas womes with o poworful demonstration. The demonstration istors want to the White House and denounced the policy of the present Washingtoo odministration, which was instrumental in he amendment's not becoming part of the constitution. It wor approved by Congress in 1972 and required passego by the 50 stata legislatures, but due to

oppositios was passed in 35 tiates only.

Speaking in Lafsyette Park, President E, Smeal of the Noflogal Organization of Womeo, sald that the Reagan admilatsfration was directly responsible to the conlinued growth of res discripination in the United States, it is well known, the said, that Reagan is personally opposed to the adoption of the amendment, oad that he is indilierent to womeo's needs during the economic crists ch the country is now expe-

STAGFLATION AND UNEMPLOYMENT HIT THE WEST

New York. The present state of the world economy to cherectarized by an overoll reces-sion in the industrialized Wastom consistes, says a report ra-leased by UN experts, la its depth and duretten; it is unprecedenied in the eotire post-wer period, and calls to mind the spectron, and calls to mind the spectro of the most protonod cliss of the Ms. The excessive-tog credits in the United States has had an adverse effect of America's trading rationers. The America's tredleg partners. The influx in cepital to the United

States has already led to the further reduction of industrial production in Western Europe, occompanied by growing unem-

ploymool.
The developing countries flad The developing countries field themselves in a particularly difficult silvetice. They are paying more and more for their imports and som less and less for their exports. Since 1978, this gap has increased by 20 per cent. As a result, their foreign trade deficit reached 60,000 million dollars less year.

FROM the SOVIET PRESS

WAR IN THE NAME OF UNREALIZABLE PLANS

Deliberately evading as honest and constructive discussion of disputed questions, the leading circles of the United States and NATO have decided to declare as ideological war on the Soviet Unice, writes in the newspaper LITERATURNAYA GAZETA Leonid Zamyotin. He notes that in their designe the Weshington organisem of that war are holetileg unrealisable plans for the destruction at socialism as a system, This is a vole ond dangerous plon, stresses Zomyotin. The articlegy of pushing and setting socialism back has failed to bring its orchitects ony closer to their cheriahad gool.

The outhor recalls that Potend has been chosen as the

torget of aeother imperiolist exparionest.

But Poined is for from the only torget of political and ideological subversion on the part of the United States and NATO. Under the amokescreen of these aubvarsive activilies thoy are perpetroling over a smed aggression agoinst sovereige notions, Such a policy predetermines the forms of the
ideological war. Distorted information, blosed coverage of
idea and their omission, half-truths and unabashed thes
overything is being used.
The generals of the ideological war, nonetheless, contradict

The generals of the ideological war, nonelheless, contradict thamselves. They speak loudly about the historical bankruptey of communism and its ideology, and of the same time posts over the growing popularity of the ideas of peace and socialism in the world. Giving vent is anti-Soviet amotions, President Reagas sounds an alorm over the "erisis of Amorican splitt". Burely, there is a method here: the worse the socia-economic mass and ideological confusion in the Amarican home, the more its masters are tempted to key the bloms on others, and the more aggressively thay try to distract the ottentios of the public from their owe difficulties.

OBSTRUCTIONIST STAND TAKEN AGAIN

Commenting on the meeting of the General Assembly's excommenting on the meeting of the Gonerol Assembly's ex-tractionry special seasion on the Palselialan problom, PRAVDA asserts that the UN number-states have again re-solutely dominated on and to the massacre staged by the is-raelt telerventionists in Lebanon. They demonded the crea-tice of a commission to investigate the seale of the crimce perpetroled by the targett military. Thus serious steps have been mopped out to put an end to the intervention in Le-

This is what the USA and isrnel voted agotast, challoegies the world community. By taking on obstructionist aland at the UN, the USA hoped to annue political cover for isroel. But whot a miserable speciacle it wist it to oftendy cloor that the teroit military is a loof of the USA, that the Labonesa tragety is unfolding according to on American scountle.

HURTING THE INTERESTS OF ALLIES

Communiting on the US administration's decision to bon exposts to like USSR of oil oad gas equipment monulactured in the West under Amoricon Uconses, BKONOMICHESKAYA GAZETA sireses that the intionale bohind the move was an attempt to crode the oconomic positions of America's West European and Japaneze rivols, Indoed, the oriscle emphasizes, the best loss through the least the contract through the least through through through the least through through the least through the least the barriors thrown up in the poth of Soviet gas will not only aggravole their energy problem and promote the pradominance of US manapolies in supplying the West with power, but will also deny the compositors the apportunity to more widely enjoy the advantages of natural gas over cool, shale, and, in many instances, oil.

In the limit count, the paper points out, Washington's move will severely damage the Weel, but will fell to hold up the trans-Furepean gas pipeline project.

A STILL-BORN PUPPET

The ogreement hetween the troitors of the Kampuchean

The ogreement hetween the troitors of the Kampuchean people is the result of the efforts of Poking and Western countries to prolong the presence of the United Notions of representatives of the Pol Pol clique, writes the newspaper SELSKAY A ZHIZN, commenting on the agreement signed in Kualo Lumpm for the formetion of the so-ceiled "coalition government" of Kampuchea, The main aim of this deal is to delay solution of the imaginary. "Kampuchean problem".

The foint elicits of the hegemonists and imperialists almed of perpetuating ionsion in South-East Asia, ore encountering the growing resistones of the sound forces of that region, while the peaceful initiatives of Victnom, Laos and Kampucheo meet ever growing understanding, the newspaper points out. And no motion how much notes Western propagando makes, the "coolition government" of the enemies of Kampucheo will exist only on paper, since the people of their country already made their choice in Jonuary 1979.

OF INTEREST

Gold-hungry cyclists

The Italian magazine "Pana" rama" reparts o new oraze in rama" roports o new oraze in the West for doporating bikes with gold and silver. The Joh is done by o Milan lirm. Astong the owners of these extrovagont tiems ore King Juan Corios of Spain and Pape John Paul II. The lirm's technical director the different complains that The lim's technical director tigo de Rosa complains that because of the craze every doy he receives the most incredible requeste tion oil over the world. A millionaire trom the tyory Gensl wanta a golden frams for his bike, a professional

racer from Turin asks for gedola made of silvet, and on Arob Shetkin places on order for the chain and the spikes of the wheels to be made of cast gold. A year ago, Mr Rasa recalls, the owner of an insutance company from Milah demanded that his bike be decorbed with two tholsand goms. When he saw my tame on the frome, ite exclaimed, "Whot have you done! claimed, "Whoi have you done! tewellar".

Oranges

on an apple tree

Oranges have been grown on an apple (see by Indian plont

apple tree. The fruits are lorger then the conventional variety und, according to gordeners' remorks, considerably more tasty. It is worthwhile to grow the new, variety, since the elephani opple itse to resistant to pests and yields trutt for 75 years, while the grange free is good for only 20 years,

VIEWPOINT

Vladimir KATIN

U.S. ECONOMIC **AGGRESSION**

The US line in international economic ralations and finance has long transcanded the bounds of separate violations of rules. What we see today is a commercial economic aggres-aion in all directions, both agalesi ils own Wastern eliles and the developing countries.

The USA has been weging a nomic wer" against Western Europe, Cesade and Japan, even resorting to the ungestle-man-like stratagems of hypo-crisy and deception. Only recantly when the heads of state of seven feeding capitalist na-tions met to Versellies to consider a broad range of vife eco-nomic problems, the US pres-ident was all smiles and full of premises to be forever loyel to Atlantic solidarity. Buf no seoner had the heads of Western stetes, Cenada and Jepan, left for their cepitals than Washington lised a salve aftiners in the

form of Reegan's decision to

include there in his stringent accinomic terringent and and and any angles.

sanctions against deliveries to the USSR of oil and gas equip-ment, the US administration slapped a corresponding ban on the products of foreign sub-sidiaries of US corporations, as well as compacies in other coucities manufacturing such equipment under American

The shettaring blow deelf by Raegen to the Wast European and Japanese economies not cally soured his personal relations with Schmidt and Mitternad but produced a serious rist between the USA and hig business in those couefries, and dissent among the Western business community as a whole. In fact, this is something much more serious than a mere trada conflict.

The reasons of the US economic legistersion additional its ownered in the general context of US global foreign policy, stripping for the remark over all patients on the global neighbors, and partition, the global neighbors and partition, the global neighbors.

just by boosing the alreedy huge U\$ economic potential, but also by subversion egeinst other nations, eitles included, other nations, eilles included, America is anxious to build up its global slature and power livough the waskeaing of Western Europe, Canada, Japan and Lotin America.

Significantly, Wastern Europa Itself the US chief compotitor, with a combined GNP equalling that of the USA. The latter is working hard to usedar-mine the position of Wastern Europe with e verilebla no-holds-barred economic wer, using damping, protectionism and bahind-the-scenes deels. To litustrate, the recently imposed important duties on West European steel ere so high that they will predictably slash its anauel exports to the

Very lypical in this respect is Americe's obsessive desire to rule the "ges-pipes" deel. West Europeens are perfectly ewere, as is Moscow, that the current work on the project has already provided tens of thousands of jobs, and enabled lactories and plants to work at a far higher capacity in Western Europe. Progress in this grandiose project would provide sleedy oil supply to its porticipents which is pracisely what Weshington opposes. From the word go il sought its talk the West European nations out of the deal by elferneting diplomatic gestures with prodiplomatic gasturas with promises to supply Wosfern Europe with costly American cost ond liquified gas. When nothing seamed to work, sanctions were resorted to; the US goal. ls the same—to keep. Western: Europe dependent on US ener-gy as an important meens of pressure against tt. Are West Europeens awere of this Statements by leaders and government decisions in

those nations are evidence that Wastern Europe is rejuctant to become en American aconomis colony. Aparl from their indig-nation over Warhington's unslash its anauel exports to the USA from 7 to 4.5 million tomes — producing additional huadreds of thousands of unamployed in Wastern Europe, its consider instance, the critical padding of the dollar end higher US prime interest rates there eleady resulted in the devaluation of Wast European devaluations of Wast Europea coremonious punifive senctions egainst its pariners without any

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MH INFORMATION No. 12, 1982

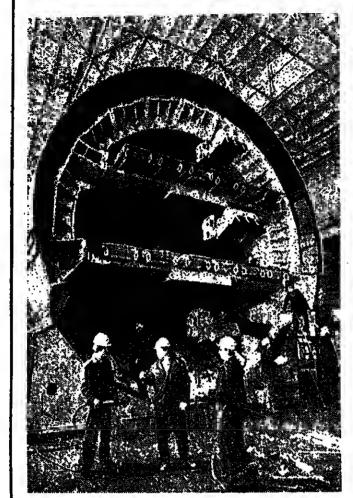


MATER FOR THE FALLOW TRACTS OF LAND IN TURKME-NIA IS NOW FLOWING ALONG THE 13-KILOMETRE MAIN CA-NAL BUILT IN THE SOUTH OF THE REPUBLIC. The canel was designed to improve the sup-ply of water to 35 thousand heclares of land in the Khaus-khansky area, where line-fibro cotton is grown. By the year 1990, it is plenned to reclaim for cultivation betwoon 180 end 190 thousand hectares of land hrough irrigation in the ropub-

A MUSICAL APPEAL RE-SOUNDING IN THE ESTONIAN CITY OF VALGA HAS NOTIFIED THE CITIZENS AND THEIR NEIGNBOURS FROM THE LATVI-AN CITY OF VALKA OF THE BEGINNING OF A SONG AND DANCE FESTIVAL TO MARK THE 60th ANNIVERSARY OF THE 50-VIET UNION, More than a thousand enfhusiesis of the oris of singing, music end danca irom the two Balifc republics have gelbered together in Valge. The programma of the Jastival conisis of places by Esignian and Laivian composers, as well as songs written by Russian, Ukrai-nian, Byelorussien end Georgian

ANOTHER RESORT FOR PREVENTIVE TREATMENT HAS BEEN BUILT FOR THE STAFF OF THE SIGMA FACTORY, IN YIL-KIUS, LITNUANIA. The resort. which completes the lactory's trasimani eed recuporelive complex, has been built in accordance with the essociation's plan for improving working conditions

UNDERGROUND KILOMETRES



The underground metro has been is uperetice in the Soviet Union for almost half a cectury. The firel line was opened to pas-sengere in Moscow in 1935. It was just 11.6 kilometres loag and had only 10 stations. Now we heve metros le eight cliles— Moscow, Leningred, Klev, Khar-kov, Tasbhent, Baku, Yereven, Tbilisi. Construction has begun in three more cities, and design are beleg prepared for a score

The lotal length of the metro lines is 370 kitometres, with Moscow eccouning for 200 kilomet-res. This counity's melros carry more than 11 million pesseugere every day, including 6.5 million

By 1985 the lies will be extended by almost 100 bilometres. The Soviet metro builders have powerful tuneel-digging techno-logy et their disposal. The effici-ent heading machine which you see le the photo can dig through eny rock, end do II laster then other tunnelles melhods.

Soviel designs, technology and chniques heve been horrowed by meiro builders in Budapeel, Bucharesi, Prague, Wersaw, Zag-rch, Solle, Mersellies and Helsinki. The Soviet Union is supplying technology, experis and training for Indian personnol in Calcutta where the first Indian metro is heing built. This know-how will later he used in Dolhi, Madres,

High-rise construction in the Far East

—this is how the Far Eastern city Nakhodke will look to the anamen of incoming ships. The illusion of sails will be provided by high-rise rasidential end oltion buildings, whose construc-tion has atreedy begun.

Construction was formerly considered impossible due to the region's high esismic ectivity.

the commissioning of a factory superstrong pre-lobricated panels. The construction indus-tries are developing repidly with four lectories turning out rein-lorced concrete paris: 150,000 squere melres of housing ere constructed nanually. The city's population will reach 400 thou-

but the problem was solved with

Robots, get to work!

did not uneke a eingle misieke on the first work-day emong the

numerous shelves of the Leningrad "Kirovsky Zavod" complex. It selected promptly,

mnerringly, and an first request, from among some two thousand comparimenta the required peri or workpiece for the Kiroveta tracior, illracting them to the

This was the experimental computerized tobot, parlorming the work of dispetcher, storereom keeper end a teem ni

Laningrad bossis the couelry's largest robot fleet of over 1,000 units. The Petrodvorets wetchmeking factory is beet known for its robot-operated assembly line, which (reed up 500 wurkers (or other tasks.

Soviet-French medical experiments in space

Soviet-French medical experi-ments in space are described by Analoly Yegorov, MD, deputy flight Director for Mediciae.

On heard the Sslyul-7 sig-tion, members of the Soviet-French crew Visdimir Dahani hekov, Alsxender Ivanchenkov, eed the French Cosmonaut, Jesn-Loup Chretien, have curied out a number of experimeets, including a series of human adepletion to weight-lessness. They are to examina the restructuring which takes place in the human body dur-ing a space flight. At first, cosmonents leel en lacreased flow of blood to the head, and their vestibular system starts la mal

In weightlessnass, change occur in the innetianlog at the ordinyasculer avalent. The sie dy of these changes is part of the Soviet-Freuch designed experiment "Echography". With the help of ultrasanic waves specialists can monitor the freatt and the arterios, vetos and other vessels which led blood to the high.

Using a special display, the crew can receive at a glance all the information about the functioning of their randovascular systems, in this piece of research they also use far com-parison the Soviet "Pneumatic" complex, including hip cults which serve to redistribute the blood in the lower extremities

It is much more difficult to control motion in the state of weightlessness than ou suth Scientists believe that in a state of weightlessness the central nervous system receives some-what distorted information about the position of the body.

This problem is being studied in the joint experiment "Pota". which includes the recording of the bloelectrical octivity of the muecles which hold the body in a steady position.

Medical problams era bela exomined in meny more apprilments heing successfully conducted by the Soviet-French

HOME NEWS

EXHIBITION OF CHUKOTKAN BOOKS

"The Rad Alphabet", the first Chukokau reader, Issued half e century ego, is the maio exhibit at an exposition which opened in Negadao on the USSR's North Pacific coast. The displey feature books to various Chukotk-thousages, and is making the in languages, and is making the containing the containing the containing the USSR. Belore 1917 Chukotke used to be a land of ose bundred per cest illistacy, as the Chukchi here one of Russie's lifty peo-ples with no written language. The first primer thus greatly faciliated the lask of eliminating miletary on the peninsule, and

PLUFFY RUGS

mile literature. In Magedan

sione as many es eight hooke

er booklets ere issued senually in the Chukchi language.

An ancient chaft has been reshed at the Carpathian Slevyndy farm in Weslarn Ukraino the farm's craftspien have begas to make the fluffy ruga which have decorated the homes d local inhabitants since the The secrets of rug-making were

wasted by folk art specialists and village old-timers specializigh this kind of craft in the Helsing Ivan Franko Region. The young girls in the village Opports are parlicularly skill-t at non-making. First, thick well threads are put on the I m, then the ring is put Into a seeful jel of try water. The the softens the yarn and long bigh mountain winds, the 'a: lecome hilght and solt, e "of ornament to any home.

Science and technology

The Unal-3 piloted eirship for

AR CRANE

tarportation and essembly teations has been tested in 2-hozovsky in the Urala. This WASTE AS relaposes in the Urale. This relaposes in the Urale of the filtery rubberized material. It was designed by the Urale under the Urale. This made of the Urale under the Urale u A VALUABLE MATERIAL Organerostroy of the Ministry che Power Industry end Electrication of the USSR, Ural-3 is the with helium, end is highly table rible and manosuvreble in ac air crane cepable of



tid3 undergoing leats.

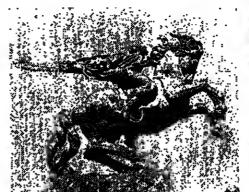
RYING EXPRESSES

Work is nearing completion thete Kisy on the first sec-193 of a proving ground for Ireal electric molors and new iges of high-speed transport Nearby the two-kilometre tell-

by shelch is a 670-nietre flyin the se of the second series of the second second series of the second series of the second series of the second second series of the second second second series of the second cit and e special trolley along the special trolley along treletated by linear asynthogones electric molore.

A locklomaire route have the Ukraice which will link the

Places to visit



In David Sagunaky, the hero ot so

the impression created by the plak-coloured houses, by the silvery pinkfab moustains which our ound the public surround to lowe and the public surround at

the white summit of Areral vi

The Armanian erchitect,

Academician Alexander Tamanyan, has drawn up a genaral

plan of recossifuction for the

sible ibrough a pink haze.

ge Jufa.

Residential houses, edministrative buildings, theories and even lactoriss and pleass oromade of pick, viols and orunaed Ballat Thoeire in Yerevan, The awerded e gold medal et lhe le Paris

. Two works deserve special meetics. Lenie Square considered by foreign architecte es one of the "saven most wonder-ful squares in the tworld". And Yerevan Opers and Ballal Thesira, which was a guid medel of the World Exhibition to Pa-

tota strong toriress, and gave it the name of Erebuni". Today Yerevan is 2,784 years obj. 102n is another important date to the history at Yerovan, For this is when Saviet power was established in the ancient land and the construction of socialist Armenia began. At the lime Yerevan was an incomely town et slightly over 20 thou-sand iniohilants. Now more than one million people or a turd of the republic's popula-tion live in the city. At any time of the day Yerevan seems to he flooded with the rays of the rising sun. This is regalnly

Yereveo is older than the elereat city of Rome. What is more to be one of the few

towns to have a certificate of

hirih. Carved in cunetiorin upon e basalt block to 702 0.C.

the certificale reads as Julion's:

"Argishti, aon at Manua, built

Into the blood vessels leaves them so quickly that it lails to carry out the role assigned to it. To overcome this dilliculty, members of the institute com-hined heemoglobin with a polymer, called dexiran, end oblained, in this way, e substitute

Soviel phosphorous chamical industries cen meet their demand for sulphiric acid needed in the production of mineral fertilizer by utilizing their own

residential area of Troyeshchina

with the Levaherczhoaya metro

station. Leter the route will pass elong live Duleper es far as the Pozuyaki-Osokurki districi,

Researchers from Leslegrad recommend thei sold be pro-duced from phosphorous gyp-sums, which et prasent are discerded se waste efter the pro-cessing of apatites.

An experimental cooligement of sulphuric acid derived from weste has been produced by an experiental plant of the Lenin-grad Scientific, Research and Design Institute of the Sasic Chanical Industry, In lurn, the waste thus pro-duced — the so-called calcium

silicala - can be utilized to produce cemest esd high-grade bricks. Thus ell previously reto good use, and the environment le lest claen,

ARTIFICIAL BLOODS

Scientists from the Centrel Scientific Research Institute of Haemelology and Blood Trens-fusion have found e substitute which in some casse cao be used to replace the blood gives

It will be recelled, that en essential function of our blood to supply the distance sod cells of our body with oxyges.
This is done by heemoglobin which easily combines with oxygen in the lungs, each, when necessary, just as easily separates from it. However, when it kee separately, a solution of purified basmoglobia injected purified for blood which stays in the

Young architects of Kirghizia

The design for e highway, which will connect Franze, the capital of Soviel Kirghizle, with the sew Massa alreori has been endorsed. The authors of the design—a group of would-he architects, students of the local Polylacholcal isstitute—successfully edjusted the piecemeni of bridges, iresiles, undergroued passegas, bus slops and Irees to gu with the roadway. The design is not the group's first independent work; they have also designed anch original structures es Kirghizia's pavilice et the USSR Economic Achievement Exhibition and e Jour-storeyed building for the institute where they study. young people will make an impact on the present day and fulure outlook of the republic's cities end villages, yevgooy Plasersky, chaltman of the Architects The laste eed

Union of Kirghizle, told our cor-OF INTEREST

Efficient i militaramme

What can be more alec on a hot day than o gless of Juce or Iruli ditak? This is pre-cisely why considerably more of these beverages ore munitirespondent. Young people begin learning to deel with comptex problems in their student years.

Design offices have been set up at many higher educational institutions which train erchitecture.

vessels long enough to produce the desired effect. They have

based on a combination of empl-

siona with llugro-carbon com-

pounds, which take over the blood's breathing Inscriou, be-

ing able to dissolve and con-vey large amounts of oxygen.

iliscovered preparetions

lects. They work out dozess of designs enousily. Recreetion facilities on the bank of the high-land take issyk-Kul, a number land Lake Issyk-Kul, a number of major agraries cenires rurel hospitals end oilser buildings lieve eiready hear erecled eccording in these designs.

Many diploma papers are recommended by stale commissions for realization, Kirghiz designs, the butter beautiful control of the commissions for realization, Kirghiz designs for realization.

eigna have been awarded over 20 hosorery diplomas et reviews of of erchitectural higher educerecent years. The best of them; were displayed at various exhibitions including those of Paris

loctured during the nummertime.
But il they are overproduced;
there is a danger that they will
ferment and become until the

people at the Niklisky Botanical Gardens in this Crimea have ob-lefined if any called plust-bogst from a long plant collect cereostigma. Just one mil-ilgramme of the drug to a litre ilgramme of the drug in o little of byvaroge prevents it from fermanting for 5 to 5 monitas. Another drug, yugion obtained from green walnut, has the similar properties.

Both plumbogin and yugion have been lesied nuccessfully.

VIEWPOINT

The Soviet village: today and tomorrow

Nikolal DEZNINOV, Secretary of the Central Commiliee, Agriculturei Workers Trade Union

Soviel agricultore... Field orkers, tractor drivers and other machenics, operators al slock-rolaiae complexes, apron-omtats, livestock npacisitats, velerinarias, agricultural pilois, eugineere in various fields, economisis, physiciaes, laechers, librerious aisd many other spo-

cialists are working here.
They include 1.8 million with higher and secondary apocial education diplomes emi elmosi drivers as well as seebanics. Mechanized labour on the jurn lins increased elliclency end in

colles are growing. Field not nifice workers wages have doubled over the litteen years between 1980, while the collective larmers' earnings have grown by a factor of 2.3. Provision for pensions and social security has Improved and public land pay-ments and allowances which cover free health service and education, pensions, student grants, and publi annual leaves elc., have increased.

Not only the type of labour bij also the entire way of the the needs and two-rests of village dwellers and the village's outwant appearence are being changed so that the standard of living will be mure equal to that of the city to forms of modern conveniences, services and amenities, while, certainly. the village will serpess the city terms of natural recreetional

Also over the fiftees years

between 1965 and 1980, inusing

construction to the country acsquaro motres, chiefly college-lype delached honses, wall-dasigned end specines. Kludergerishs and nurseries were built tor 2.6 million children, new clubs end houses of culture were opened calering to an audience of 7.7 million Many areas butt new modern hos-pitels, tnier-collective-lerm resoria and holeis for free or 30-per cent-ot-cost vacationing. Great sociat changes are else Great sociat changes are elso swelting the villege during the current (1981-1985) and the next five-yeer pleo periods [1986-1990]. The USSR tood programme for the period ending in 1990 edapted at the CPSU Central Committee Pleasry Meeting in May 1982 provides Meeling in May, 1982, provide for an effocellan al ebou 100,000 million ronhies. Modern tlune on a wider scale le collective and stele terms and other agricultural equare maires by 1985 (and notice 200 million square matre more hy 1990]. The curren five-year plan envisagen ces schools for 2,315,000 children kindergariens inr 1,182,000 children and clubs and kooses of cyliuse to accommodely 1,365,000. By 1990 the kiniter parties will grow 1.6 times houses of culture and clubs end houses of cultur by a factor of 1,7. The provision of population with medical, shopping and catering lactilities is being expanded and improved. In other words, many things

will be done to etiminate societ differences belween the city and the country for the sake of creating the prosperity of the

FROM the SOVIET PRESS

BAM TODAY

PRAVDA publishes on orticis obout the construction of the Balkni-Amur Retiwey (BAM).

BAN in figures consists of over 3,000 kilometres of rolls, two hundred stations and sidings, sixty estilements for raflwuyosen, thousande of civil engineering structures, including 138 major hildges and nine lunnels with a lotal length of 32 kilometres. The track goes across seven mountain ranges, where tunnels tuve to be designed to withstand high seismic activity, with as many oe three thousand tremors occurring

In eleaply inclined sections powerful circline locomolives with the provided, capoble of pulling 7,000-tonne trains mode up of heavy-duty cight-axie vans. The Bulkol-Amur Poliwny is being equipped with modern outperforms allowing less reliable page. motie troffic control systems, nilowing for reliable uperution of oil the sections with minimal sion.

By June 1982, the builders luid 2,360 kilometres of track with 870 for permunent and over 1,000 for icm-

With the construction in tult swing, the project is beginning to pay oil. The Balkel-Amur Rollwoy, the country's thirty-second, was opened in trollic January 1. 1981 and has niteady carried militone of tonnes of cool, timber, construction majorials and office corgoes, on well as kundreda of thousanda of possengers,

GENETIC ENGINEERING: IN THE LAB AND IN THE FIELD

This is the subject of an orticle in LITERATURNAYA GAZETA, eumming up an experin discussion in the scientific society Zhaniyo.

Genetic engineering to the netiticial restructuring of the taberent motoriol of live organisms to create move characteristics useful to man. Though it sounded tantactic fust a tew years ago, concrete engineering projects in this field are now making a significant contribution to the country's economy. The microhiological industry has been created and to being developed, with the aim of producing valuable substances for agriculture, primarity tood protein, which is sorely tooking. Genetic engineering was instrumental in creating one. Gencile engineering was instrumental in creating epe-cial kinds at bacteria which eynthesize protein. Last year alone, one million tonnee at protein-vitomin concontroles were produced for stock-forming.

Genetic engineering on pionts faces no less serious ineks. In this field they are searching for new crops, more post- and weather-reasiant, with a higher quality of protein, and with a combination of properites unobininoble through selection or hybridization. Genetic engineering is useful procleely for its ability to overcome ological barriers.

The poper mentions o minimer of orega where genolic engineering con contribute; the production of omina acids to be added to feddar, the nynthesis of vaccinas und agents for the diagnosis of domestic onimal disouses, the development of bacterfol antidoten for pests, and many others. The paper concludes that the tusks are quite leosible, though dilitcuit.

WAR PROSE OF THE 1970s

Oval the past ten years our war prose hos been probing with a keen social awateness the moral world I characters who find themselves Ip dromatio wor eliuotions, as magnifying as it were, ordinary and entra-ordinary people, and rising to great epio generalisations in its depiction of events, writes author Ivan Stadnyuk

in the mogozine MOSKVA. It is no longer odequate to in the magazine MOSKVA. It is no longer adequate to merciy recall and record on paper one's personal mamorles at the wor. The reader is new increasingly interested in a wide-rongine search for marnity similar to that depleted in Yuri Bandanev's novel "The Shere" for example. Bandarev cfolme that the votus and use for example. Bandarev cfolme that the votus and use for example. Bandarev cfolme that the votus and use for example, bendarev cfolme that the votus and use for man takes in title, by his sowing the ideals of good and man takes in title, by his sowing the ideals of good and formum takes in title, by his sowing the ideals of good and formum takes in title, by his sowing the ideals of good and formum takes in title, gollsm and cruality. In seeking for the truth, the writter conducts protound psychological the truth, the writter conducts protound psychological and philipsophical research on our society's real and and philosophicol research on our society's real and imaginary volues, selling them against the commen human colegorise of good, justice, muluof trust.

FOR A NEW FAMILY

A new family needs quite o lot at money to set up a household, writes MOSKOVSKAYA PRAVDA. The spending goes up with the hirth of the lirst baby. The financial situation of a young lamily has been improved, by the decicion of the CPSU Central Committee and the Council of Manhare of the 11820 "On Increasing State Council of Attriguers of the USSR "On Increasing State
Assistance to Fomilies with Children". It provides for interest free loose to improve housing or to buy house hold theme. This clouse becomes effective in Moscow

next April. A young couple, provided one of them is under \$6 and that they already have a child, can draw as much os 1,500 roubles from the enterprise's social, cultural and housing fund, due for repayment in eight years. and given to those who have at least a two years of work experience, When o eccond child is born, 200 roubles is oredited ogolnsi the loan, and 500 in odes. of third hith.

Maria BIESHU

"Dream is a ndurou to which the

man is reflected es o whole com-

pleie with all his vices end vir-

tues", those words by Tikamatsu

served as the key to our produc-

ship with people and the sur-rounding world penetration to the essence of things through

ert - It is this leafure of the

Jopanese arts that we have tried

to render in our Interpretation

His heritage consists mainly of ebout 400 choral songs, come

piano pieces and mauy lyricol

The custanory is being celeb

roled oo a wide scele in the republic with a number of

ovents including en ortistic ex-hibition, e scienfific conference.

end concorts by the best ort-

ists from Estonia and other 18-

of the poam.



She is now silting on the jusy of the Seventh Infernational Tchalkovsky Competition in Mos-cow the vocalists division. She is femous. This year she was swirded a Lenin Prize for her con-

cerf programmes presented in 1978-1980.

Twenty years ago she became a soloist at the Opere cod Ballet Theatre in Kishtney, capital of Moldsyla, Hes repertoire includes all the teading perts in classical and modern opers. The magnificent beauty and fascination of her velce, its volume, maiodionaness, and her dramatic giff heve broughf har world renown.

Her careor hes been rich and evential. She aludied for a while of the femous La Scala, Her feechor was Maestro Ptazzs. He said that the quality of hes netural voice wes very close to the Itelian "hel canto". Al La Scala Meria Bleshu prepered, fa lha original fanguage, tha

JAPANESE CLASSIC

The Maidzhaushvilli Theatre

in Toilisi has bocome the first

Soviet company to stage "Lov-ers" Suicide on the Island of

fleavenly Nets"-a drontalized

version of the poem by fbe 17th

contury Jepanese writer. M. Ti-

We did not aim et a detelled

stago reproduction of ell the collisions in this very complex

psychological work about the tragic love of Kohoru and Zibe, said producer M. Kuchukidze.

The fines choirs in Estonia

participeled to the Day of Song in Viljandi, en edmioistretive

ceolrn of the republic. The festival was o tribute to Mast

Saas, an Estonian composer.

organist, end teacher, born e hundred years ego.

He received his musical

oducation et the Conservetoiro

in Petershurg under N. Rimsky-

Korsakov. Ho ployed the orgen.

NATIONAL

ON GEORGIAN STAGE

COMPOSER HONOURED

parts of Toscs, Aide, Clo-Clo-San, Leonors, ell of which she has refeled is her reperietre. She won e psize is the Third Tcheikovsky fulerneflonal Compelition, and was proclaimed the world's heat Medama Sutterfly et the First Inter-

"Lyrical aengs," sho says, "are a reel freasure.
They are se woodesfully expressive, like e heast-ie-heart talk, only the ainger lelks to his endience, their is all." Maris'e concerts luciude cleasicel eries, Enssian lyrics, works by Soviel composers, Moldevien "deluas", and songa pepuler with verious Soviet ectionalities. The islanted singer knews how to convey the flavour of different styles and composers, she eals genily and deeply en amazingly wide range

it emotions and moeds.

Marie Bleshu halengs to that group of arilats whose one feels happy to meet. Yen can sit listening to her for hours, end each fime you will discever fresh facets of her nuazing tatant. These facets, by the way, have been pollshed perfection by tireless and serious wark.

She has toured Europe, USA, Latin America.

Japae. Austrelia and everywhere the press comments have been enthusia Just what is her secret! Why is the to

tously edmired? Sbe effore n enique combination of a beautiful voice, great professional ertistic talent, sare musicelity, and the giff of conveying, truthfully and emotionally, the most intricate of human emotions. "Whee she sings she gives heart fe lise sodience," seld the famous American singer George Loedon. These words have hees included in one of the records put only the

Seviet Melodia company.

At the present lime, Marie Bleshu is recording Bellinf's opera "Norme". She is, of course,

Alexander GRECHANY

THE SUCCESSFUL TOUR OF SOVIET MUSICIANS The Dmitry Shostakuvich hest concert balls in the wall Calture in Vienna wrote about

Symphony Orchestra of the Le-ningrad Philharmonic Society is in the process of e big European tour. The orchestre is celubieting an anniversery; this veteral is e century old. For more then lorty yeers it has been closely lieked with Yevgeny Mrevinsky, the famous Suvlet conductor.

arred the depth of interpretation — which the arches owes to the conductor. Heving left Austria, the m. chestre is trevelling arous The concoris in Vienne were ether countries included in the e roal trimmple. Thay took pince

LITERATURE IS

In the Musikvernise, one of the

A BRIDGE OF FRIENDSHIP

Martin Buchhorn, e poat end publicisi, living la Weat Germany, hee compiled and trenslated an anthology of modern Georgion poetry, which has heen recruitly published in the FRG. He is now working on e book of Georgia which he saws book oa Georgie which he says, will describe his impressions of the new sociolisi file in thei aucient land.

People must know more about one enother end understand one enother better, he says. This is a noble alm and it keynotes the

workers in Saar end Goora which began ten years ago she Zakharia Pallashvill's "Dalsi" wea staged at the Surbrücken Theatre, Peace h st au obstract notion; it imply good relations emong profit.
Only on such e condition on there he confidence and inc.

professional elanderds of the Laning rad orchesire, and al-

I hove sees for mysell tal your country is earnestly well ing for peace. It is the duly of possible to strengthen tour tional pence end Irlendship

MEET PILAR RIOJA

Mexican dancer Piler Rieja hua started off her low of the USSR will very successful in Moscow, This is nat her first time in this country. Sho will go on to perform in many Ukreinian and Byelorussien cities She currently is a big blf fu the Libuanfen capital of Vulutus.

AGAIN

Andrei Stepanov



FACTS and EVENTS

Films, "Marie, Mirabalo", is illm for children, e Joint Soviel-Romanian production which her won e Grend Prix at the children's Illm festivel in Platre-Ne-emi, Romenia. The film has been released end is being shown in many Mascow cinemes.

Exhibitions. An exhibition at the Central Exhibition Hell in Liningrad treces the professional biography of Alexander Guresi-may (1881-1963), it was mounted lo merk the 100th enniversary of the great ertist's birth. About 200 pelnings and drawings lieve brian brought together from meny picture galleries around the country. The house-museum Michurinsk, where he was born, and from privete colinc-

Books, The Priokskoye Publishing House has published ihm book, "Around foisloy". N. Puzin end T. Arkhengolskays, the authors, resnarch associetes of folsloy's museum-estale "Yes-nnyn Polyana", toll en exciting slory ebout the poorly-known sides of the groat writer's life

and the

July 9-5

_ THEATRES_

Kremlin Pelace of Congresses (Kremlin), 3, 4 — Voriety cencerts, Novoalhirsk Opera end Ballet Theafre perfermance. 5 -Khachoturion, "Cayone" (bollet).

Bolshof Theatre (Sverdlov Sq). Guest parlermances by the Nofre: 3 - Bondeville, "Modame Bovary" |opera). 4 (metf-Rimsky-Komakov, "Old Bones Im-

Stanislavsky end Nemirovich-Danchenko Musical Theatre (17 Pushkinskaya St). 3 — Rimaky-Korsakov, "May Night")opora).

4 (mat)—Morozov, "Doctor Dooflitte")ballet); 4 (eve) — Tchalkovsky, "Eugeae Onegin" (opera). 5 — Tchalkovsky, "Swan
Lake")ballet).

Operetta Theatre (6 Pushkinoperatia Ineaire to Phankin-pakaya St. 3 (mat) — Feitsman, "The Old Comedy"; 3 (eve) — Ziv, "Messleurs "Artistes", 4 (aut) — Kolman, "Maritza"; 4 (eva) — Milyutin, "Cirls in e Putry", 5 — Kalman, "The Gypsy Princess".

CONCERT HALLS

Vallety Theetre (20/2 Serse-isya Embankment), 3, 4 stening of humor, leoluring stated performers. 5 tel Yusky recites stories by writers iven Bunin end the Babel (from the "20th-

Daily Central Perk of Recrea-Line Green Theeire (9 17 Sky Voll. 3, 4—Guests from Moldavian Republic. The Moldavian Republic. The Moldavian Republic. The Moldavian protrans Includes the folk music matter Finierash and the pop Contemporanul, Oktober Chema Concert Hall Prospekt Kellning), 3, 4—The pop group guzuki. Central Exhibition Half 16

BASKETBALL Plasmo Paisce of Sport
O Lavnchking Stt. 3 — Sovief
Oth leam vs US, 5 p.m.

In Moscow, city and region, the shower will teper of and epd. Devilme temperatures around 19°-24°C; nightiline 10°-14°C. Bast ond Sonth-East winds. 3-7 mps.

Last June the average temper reture in Moscow was 13.8°C, i.e., 2 degrees lower, than the usual average for the month. Such a cold June happens about once every 20 years. Precipitation was procifically normal.

LESS THAN THREE MONTHS BEFORE PLANT COMES INTO SERVICE

BUSINESS

A batch of Lade rars destined fes foreign customars walting to be

redited in Moscow, in 1968.

Over the 1976-81 peried there

was a 2,200 million dollar sales

between Meruhent and the

The chemirel, steel end tex-

tile isdustries, the development

ol inineral resources is the Fer

Enst noil Siberie, ne well es

Irede lictween the coastal re-

glona of the USSR and Jepan

were named by M. Ikeda es he-

ing among thin most mentising

nvenues ler trade, scientific and

technological cooperation with

Yulian Semyonov's bunk "Seven

teen Moments in Spring", which

was so well received and used to make a TV serial in the USSR. Allegether, in 1982 publishing

houses in Moscow and other So-viet republics will issue about 80 transleted works by Polish auth-

ors, hoth modern and classical

They include a collection of

poems, "Young Poals of Polano", the first two volumes of the cols, "Young Poals of Poland",

lected works of Henryk Sienkle-

wicz, special publications on ul-

trasonic aviation, on the Irest-ment of hysteria and on model

and homemade hydrofoll boets.

This metch will close the

nternational women's tour-

FOOTBALL

RACING

Hippodrome (22 Regovoya St).

— Recing end trotting. 1 p.m.

far lirea-yeer-olds. Summer,

WEATHER

July 9-5

prize for Orlov breed will he

Netional Groud Prix prixe

Club vs Torpedo, 7 p.m.

Georgi ILYUSHKO

Soviet organizationa.

Harubeni's president in Moscow

Warsaw Fair contracts

tolded an board ship is the port of Riga.

I the Japanese Marubeni Cor-ptation, paid a visit to Mos-ow to mark his assumption of

Hire and geve a press con-

there for Soviet journellats at the Centre for Internetienel lade and Scientific and Tech-

cal Relations with Foreign

Sk likeds said that his tithe

Ach is one of the five larges!

thog groups in Japan has a surcessibily developing tally advantageous husiness

.'a Soviet foreign trado organ-

does and the State Commit-

o Science end Technology

ite IISSR and Poland are

fishing almost 20 new trens-

is and art under contracts liven the USSR VAAP and Polish ZAIKS copyright

kadra, sigaed in May 1982 ince the Book Fair la Wersaw. Imple la Poland can now read

tei eative language Soviet

Yuri Tillonov's laicsi no-

"Time and Place", and e

Susph on e vory Interesting

in artist Vrubel, written

vell-knowa Soviet critic

There will

t record Polish edition of

23 years of the Union's ex-24ce. Open deily, except 25dy, from 11 o.m. till 7 p.m. 25ty Biblioteka imeni Lenina.

Ethibition Hall of the Soviet Carlot (10 Remizove SI). An Abdon of young designers Moscow, Kolomna, No-

ourbles.

An oil rafinery under con-struction with Soviat assisteers in Mathure, in the siete of Ut-tar Predesh, will be the higgest lecility of the Indien petrochemicei industry, with an ennuel capacity el over ti inilion tonnes ol ell products.

Last week e protocol wer signed in Delit on the completion of the essembly work and caming into service of the stmeapheric and vacuum installerelinery, which will come into full operation next September, have afreely appeared on the

Contacts and contracts

O in 1982-83, a consignment ol gantry cranes to lift weights of 50, 80 and 100 tonnes will be delivored to this country tem Finland along with two deadgos capable of handling three thousand cubic metres of sell an hour, and equipment for the dairy industry. These de-liverios are envisaged in contracts concluded however So-vial loreign trade associa-tions and the Finnish littus ol Kone, Wärlsilä and Hackman.

O A recent meeting of the CMEA standing commission en non-formus metallurgy in Czechoslovakis discussed more ceoperation among the CMEA member-countries in Ihrilliar use of non-lerreus metals. The dategates compared notes on the production and consumption of base and alloying non-terrois meints up to the year 2000.

GDR'S COOPERATION WITHIN CMEA

More than two-thirds of our loreign trade volume is with the CMHA countries, said Horst Soile, Foreigo Trade Minister of the CDR, in as interview with our correspondeat. In 1981, the volume of our trode within CMEA increased by 12 per cool end reached about 18,000 million

The GDR's trade with the Soviet Union and other CMRA countries is developing under previously concluded long-term trade egreements end ennual protocols. Nearly 40 par rent of Torpede Stadium (4 Vostoch-naya Si). 5 -- Canfrel Army The fop-league leams comthe CDR's exports in 1921 was the result of specialization and cooperation with other CMEA countries in industry, science pelition oponsored by the Executive Committee of the Moscow City Soviet merking the 60th onniversary of the end technology, and elso loint

> Todoy, there isn't s single electrical or mechanical englac-ering place in the GDR which would not gladly develop business ties with factories in other CMBA countries, the Minister siressed. We cooperate in amp-building production of power engineering items, machine tools, end the manufacture of agri-culturol mechinery.

Within CMEA, the GDR has haen toking part in the construc-tion of aearly 20 projects for the extraction and processing of raw malestala and fuels in the USSR and other countries of the socialst community, said Horst Soile, Among the integral Horst Sölle. Among the integrated projects which are of great importance for the GDR is the Usi-Illimsk Wood-Pulp Factory. The Klembal Asbestos Enrichment Combine, plants for the extraction of troe-bearing ore, oldered the production of rolled metal and ferroulloys. 1. 4.62 6

Alexander, STROGANOV.

in the world market

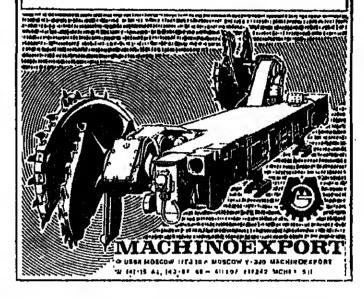
NARROW-WIDTH MINING CUTTER-LOADERS FOR GENTLY SLOPING AND SLOPING SEAMS:

all-ilirough mechanization of excavaling sad conveying coni in seams sloping to 35°,

note of the operated in the shultle mode of part of mechanized stoping sets, or with their own rool support

complete with effective dust-suppression

RELIABLE, EASY TO OPERATE, SIMPLE TO MAINTAIN AND REPAIR



SEMINAR FOR DEVELOPING COUNTRIES

Recently the UNCTAD Secre-Commerce and Industry, the State Committee for Economic Relations and the USSR Milliistry for Foreign Trade together with the international Trade Center, held on international seminer in Moscow on expanding trade between the socialist countries in Easiern Europe and developing nations.
Participating were trade rep-

resentatives and advisors from

developing countries eccredited to the USSR. The saminor was oddressed by the First Deputy

COMMISSION Moscow was recently the aite

of the 12th session of the inter-governmental Soviet-Cuban commission on economic, scientific end technological cooperation, which discussed further Soviet-Cuban economic cooperation ond reising its efficiency. Much attention was focused no the de-

MEETS vetopmoni of prospecting end power engloeering in Cuba, bila-terel cooperation in the nickel

Minister for Foreign Trade, Connady Zhuravlyov, the pro-

jeit coordinator, B. Novlie, INSCAD Secretariot officer,

The conleiees heard reports

on loreign trade. Soviel ccono-nic cooperation with develop-

ing countries, and USSR'e con-

the international economic or-

der, to neme just a few.
Also considered were trade
and economic relations between

the CMEA member-countries

and developing notions.

Gennady LEONOV

ution to the restructuring of

Sald Cuehrle, and others.

end textile fadustries, etc. in discussing the progress of the 1981-25 Soviet-Cuban trade agreement plan, it wee pointed out that the commitments of both sides were heing complied

Philately

In commemoration

of Komsomolsk

A 4-kopek posiage stamp has been issued in commemurate the 52th mnfversory of Kumsemalskan-Amur, a lown bull by young valunteers in the most of this

COOPERATION

viet-Franch space (light the USSR Ministry of Communications has issued a 6-kopek slemp.



FRIENDSHIP STARTS OFF WITH A SMILE

Speciafoss can bear the performances of lito Motoresh folk music ensemble frem Moldevio in the Green Theatso Moscew's Gorky.

Yusi Bykoveky.

The summes concert season opened at the Green Theolre in Gorky Park, Moscow, with e new vortety programme called "The Day of Broad Smiles". Throughout the summer the theore will be the venue for

performeaces by representalives of nur multinotional Soviet art, among them Moldavian artistic ensembles, the Krasnovarsk philharmonic, the Siberian dance ensemble and the Kelinke and Nacedeshies non graphs.

dezhda pop groups. In addition,

the park's three main stages will be reserved for performances by leading amoteur, groups from the Union republics. This artistic marshion will start off with performances by amsteur arifsis from Esionia and Turkmehla.

2550

WHAT'S ON!

mortal" (opera); 4 (ove)—Rubiu, "Winged Horsemen" (operof.

and other cities includee dems. Open dolly, except dely, imm 11 e.m. till 7 p.m. die Akademicheskaya. ____ FILMS ___ The Simiman, two JSA:
A young shan, whose the petics are after, fars a the the set of a Hollywood the dios, where they ofter the

work es e si unimas. Cinemai "Mir" III Birth Boulevordj. Metro The Girl and Grand (Lett)

The Giri and Chest
Studios).

Merica and her isvert
horse Grand take par is not
ous races and experience
(rials of life fogether.

Cfoema: "Oklyabr" [Ploster
Kolinino]. Meiro Arbatalays EXHIBITIONS.

SPORTS _

MN INFORMATION No. 13, 00

MR IMFORMATION No. 52 11982